

Item #40

S-129 & S-131 Pump Station Repowering & Refurbishment

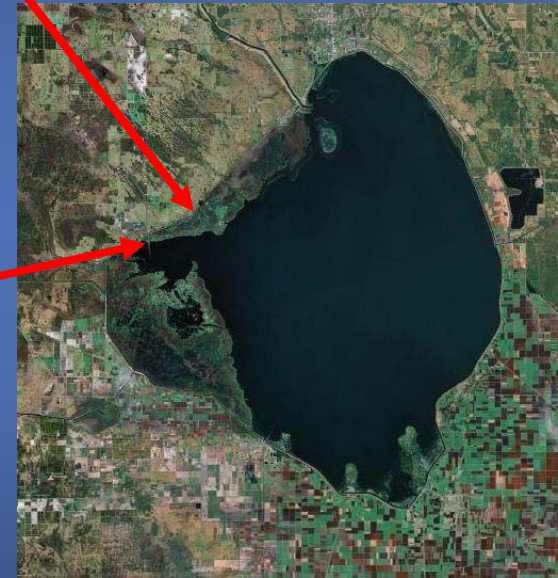
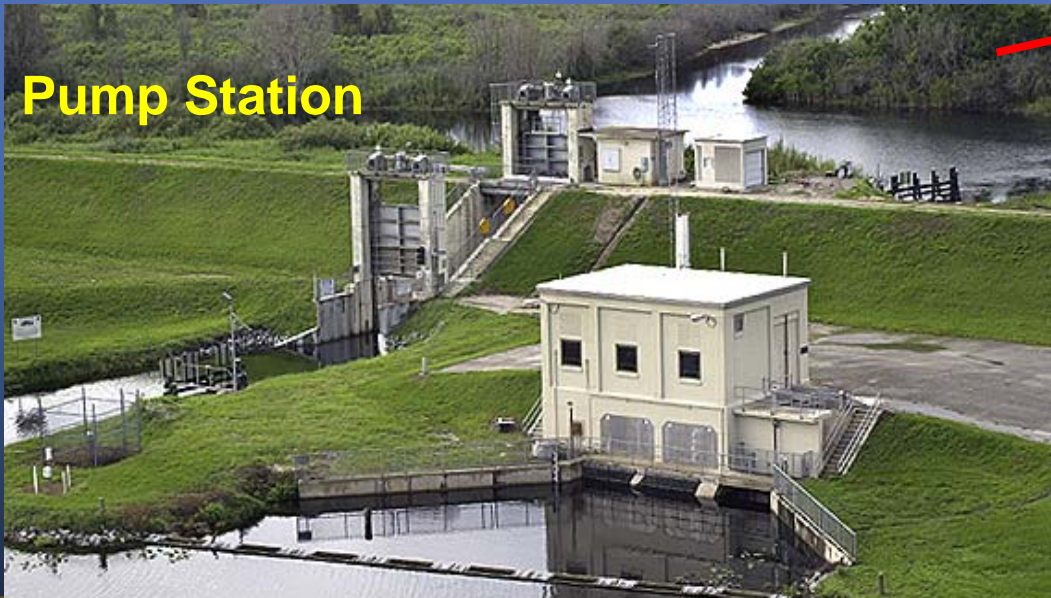


A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a 555 day contract with Interlaken Incorporated, the lowest responsive and responsible bidder for the S-129 & S-131 Pump Station Repowering and Refurbishment in the amount of \$4,027,000, for which ad valorem funds of \$1,600,000 are budgeted; and the remainder is subject to Governing Board approval of the FY09 budget; providing an effective date. (Contract Number 4600001276) (Robin Deaton, ext. 2628)

S-129 Pump Station



S-131 Pump Station



Bid Summary

RFB Advertised: November 5, 2007

Bid Opening: December 6, 2007

Number of Bids received: 6

Bid Range: \$4,027,000 - \$5,177,000

Engineer's Estimate: \$4,500,000 to \$5,000,000

Apparent Low Bidder: \$4,027,000

Interlaken, Incorporated



Project Team Members

- Terry Peters, Okeechobee FS (Sponsor)
- Robin Deaton, Engineering (Project Manager)
- Teri Swartz, Engineering (Design)
- Ed Palmowski, Engineering (Construction Manager)



Background & Objectives

Pump Stations S-129 and S-131 were placed in service forty years ago and are in need of repowering, refurbishment and upgrades. Work consists of repowering the five pumps at each pump station, by replacing the diesel engine drivers with electronically-controlled diesel engines and installing an automated control system, as well as resizing the gear speed reducers. Moreover, each pump will also be reconditioned, and the existing oil-lubed pump bearings will be upgraded to environmentally-friendly, water-lubricated, elastomeric bearings and the necessary water-lubricating systems will be installed for each pump. Furthermore, the manual hoist at each pump station will be replaced with a new electrically-operated hoist system.